

ATTY. DOCKET NO.

SERIAL NO.

1331-338

To be Assigned

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Vladimir KOZLOV, et al

FILING DATE

April 23, 2001

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
lee	4,350,683	9/82	GALFRE et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
WO 91/04274	4/91	PCT			
SU 1561261	4/88	Russian			
SU 1614655	5/88	Russian			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

	Dunlop et al, <u>Blood</u> , Vol. 79, No. 9, issued 01 May 1992, pages 2221-2225 "Demonstration of Stem Cell Inhibition and Myeloprotective Effects of SCI/rhMIP1 alpha in vivo"
	Davatellis et al, <u>Journal of Experimental Medicine</u> , Vol. 157, issued June 1988, pages 1939-1944 "Cloning and Characterization of a cDNA for Murine Macrophage Inflammatory Protein (MIP), a Novel Monokine with Inflammatory and Chemokinetic Properties"
	Hunkapiller et al, <u>Methods in Enzymology</u> , Vol. 91, issued 1983, pages 227-236 "Isolation of Microgram Quantities of Proteins from Polyacrylamide Gels for Amino Acid Sequence Analysis"
	Lathe, <u>Journal of Molecular Biology</u> , Vol. 183, issued 1985, pages 1-12 "Synthetic Oligonucleotide Probes Deduced from Amino Acid Sequence Data. Theoretical and Practical Considerations"
	Ohtsuka et al, <u>Journal of Biological Chemistry</u> , Vol. 260, No. 5, issued 10 March 1985, pages 2605-2608 "An Alternative Approach to Deoxyligonucleotides as Hybridization Probes by Insertion of Deoxynosine at Ambiguous Codon Positions"
	Kozlov, V.A., et al, <u>Cell Tissue Kinet.</u> (1987), 20 485-491 "The effect of haemopoietic stem cell proliferation on the humoral immune response in mice."
	Eaves, C.J., et al, <u>Blood</u> , V. 78, No. 1 (July 1), 1991 pp 110-117 "Mechanisms That Regulate the Cell Cycle Status of Very Primitive Hematopoietic Cells in Long-Term Human Marrow Cultures. II. Analysis of Positive and Negative Regulators Produced by Stromal Cells Within the Adherent Layer."
	Tejero, C., et al, <u>Br. J. Cancer</u> (1984), 50, 335-341 "The cellular specificity of haemopoietic stem cell proliferation regulators."
	Graham, G.J., et al, <u>Nature</u> , V. 344, 29 March 1990, pp 442-444 "Identification and characterization of an inhibitor of haemopoietic stem cell proliferation."
	Eaves, C.J., et al, <u>Blood</u> , Vol. 78, No. 1 (July 1), 1991 pp 110-117 "Mechanisms That Regulate the Cell Cycle Status of Very Primitive Hematopoietic Cells in Long-Term Human Marrow Cultures. II. Analysis of Positive and Negative Regulators Produced by Stromal Cells Within the Adherent Layer."
	Lord, B.I., et al, <u>British Journal of Haematology</u> , 1976, 34, 441 "An Inhibitor of Stem Cell Proliferation in Normal Bone Marrow."
	Lord, B.I., et al, <u>Blood Cells</u> 6:581-593 (1980) "Sources of Haemopoietic Stem Cell Proliferation: Stimulators and Inhibitors."
	Graham, G.J., et al, <u>Nature</u> Vol. 344, 29 March 1990 "Identification and Characterization of an Inhibitor of Haemopoietic Stem Cell Proliferation."

Examiner	Date Considered
----------	-----------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTY DOCKET NO
1331-338

SERIAL NO
To be Assigned

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

Vladimir KOZLOV, et al

FILING DATE

April 23, 2001

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

	Wolpe, S.D., et al, <u>J. Exp. Med.</u> © The Rockefeller University Press, Vol. 167, Feb. 1988 570-581 "Macrophages Secrete A Novel Heparin-Binding protein With Inflammatory And Neutrophil Chemokinetic Properties."
	Davatelis, G., et al, <u>Science</u> , Vol. 243, 24 Fed. 1989, 1066-1068 "Macrophage Inflammatory Protein - 1: A Prostaglandin-Independent Endogenous Pyrogen."
	Broxmeyer, H.E., et al, <u>J. Exp. Med.</u> © The Rockefeller University Press, Vol. 170, Nov. 1989, 1583-1594 "Myelopoietic Enhancing Effects of Murine Macrophage Inflammatory Proteins 1 and 2 on Colony Formation In Vitro By Murine And Human Bone Marrow Granulocyte/Macrophage Progenitor Cells."
	Mundy, G.R., et al, <u>Nature</u> , Vol. 275, 14 Sept. 1978 "Loss of Immunoreactivity in Long-Term Bone Marrow Culture."
	Eaves, A.C., et al, <u>CRC Critical Reviews in Oncology/Hematology</u> , Vol. 7, Issue 2 (1987) 125-138 "Clinical Significance of Long-Term Cultures of Myeloid Blood Cells."
	Eaves, A.C., et al, <u>The Biology of Hematopoiesis</u> , Editor: N Daniak, Alan R. Liss, Inc, NY, NY "The Therapeutic Potential of Long-Term CML Marrow Cultures."
	Tsyrova, I.G., et al, <u>Lukemia: Advances in Biology and Therapy - Progress and Controversies</u> , S326 (1988) "Improvement of Leukemic LTBM Culture Establishment by Using Specific Inhibitor of Hematopoietic Stem Cell Proliferation."
	Till, J.E., et al, <u>Radiation Research</u> 14, 213-222 (1961) "A Direct Measurement of the Radiation Sensitivity of Normal Mouse Bone Marrow Cells."
	Becker, A.J., et al, <u>Blood</u> , Vol. 26, No. 3 (September) 1965, 296-308 "The Effect of Differing Demands for Blood Cell Production on DNA Synthesis by Hemopoietic Colony-Forming Cells of Mice."
	Byron, J.W., <u>Nature</u> , Vol. 228 December 1970, 1204 "Effect of Steroids on the Cycling of Haemopoietic Stem Cells."
	Lord, B.I., et al, <u>The Inhibitors of Hematopoiesis</u> , Vol. 162, pp 227-239 (1987) "Inhibitor of Haemopoietic CFU-S Proliferation: Assays, Production Sources and Regulatory Mechanisms."
	Lord, B.I., et al, <u>Blood</u> , Vol. 79, No. 10 (May 15) 1992, pp 2605-2609 "Macrophage-Inflammatory Protein protects multipotent hematopoietic Cells From the Cytotoxic Effects of Hydroxyurea In Vivo."
	Harrison, D.E., <u>Blood</u> , Vol. 78, No. 5 (September 2), 1991, pp 1237-1240 "Most Primitive Hematopoietic Stem Cells Are Stimulated To Cycle Rapidly After Treatment With 5-Fluorouracil."
	Toksoz, D., et al, <u>Blood</u> , Vol. 55, No. 6 (June), 1980 "The Regulation of hemopoiesis in Long-term Bone Marrow Cultures. II. Stimulation and Inhibition of Stem Cell Proliferation."
	Visser, Jan W.M., et al, <u>Blood Cells</u> (1988) 14:369-384 "Isolation of Spleen-Colony Forming Cells (CFU-s) Using Wheat Germ Agglutinin and Rhodamine 123 Labeling."
	Whitlock, C., et al, <u>Ann. Rev. Immunol.</u> 1985 3:213-35 "In Vitro Analysis of Murine B-Cell Development."
	Eaves, A.C., et al, <u>Blood Cells</u> (1988) 14:355-368 "Maintenance and proliferation Control of primitive Hemopoietic Progenitors in Long-Term Cultures of human Marrow Cells."
	Phillips, G.L., et al, <u>Bone Marrow Transplantation</u> (1991), 8, 477-487 "Allogeneic Bone Marrow Transplantation Using Unrelated Donors: A Pilot Study of the Canadian Bone Marrow Transplant Group."
Examiner	Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTY DOCKET NO

SERIAL NO

1331-338

To be Assigned

APPLICANT

INFORMATION DISCLOSURE CITATION

Vladimir KOZOV, et al

(Use several sheets if necessary)

FILING DATE

GROUP

April 23, 2001

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
100	5,449,759	9/1995	HOFFMAN et al			
	5,239,061	08/1993	FRONTICELLI et al			
	5,028,588	07/1991	HOFFMAN et al			
	4,683,194	07/1987	SAIKI et al			
100	4,861,867	08/1989	ESTEP			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
WO 94/05785	3/94	PCT			X
WO 92/11283	7/92	PCT			X
WO 90/13645	11/90	PCT			X
WO 93/09143	5/93	PCT			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, etc.)

100	Kriegler, A.B., et al, <i>Exp. Hematol.</i> , Vol. 9, No. 1, pp. 11-21, January 1981 "Identification of the "Factor" in Erythrocyte Lyses Which Enhances Colony Growth in Agar Cultures"
	Moqattash, S., et al, <i>Acta Haematol.</i> , 1994; 92:182-186, "Hemopoietic Recovery from AZT Toxicity with Recombinant Hemoglobin in a Murine Model of AIDS"
	Petrov, Rem V., et al, <i>Bioscience Reports</i> , Vol. 15, No. 1, 1995 "Myelopoietic: Bone Marrow Regulatory Mediators"
	Shaeffer, J.R., <i>The Journal of Biological Chemistry</i> , Vol. 269, No. 47, Issue of November 25, 1994, pp. 29530-29536, "Heterogeneity in the Structure of the Ubiquitin Conjugates of Human α Globin"
	Karelin, A.A., et al, <i>Peptides</i> , Vol. 16, No. 4, pp. 693-697, 1995 "Proteolytic Degradation of hemoglobin in Erythrocytes Leads to Biologically Active Peptides"
	Mueller, S., et al, <i>Blood</i> , 1995 Nov 15;86(10):1974-1974 "Purified Adult Hemoglobin Stimulates the Proliferation and Differentiation of Erythroid Progenitors"
100	Swanson, et al, <i>Bio/Technology</i> , Vol. 10, p. 557-559, May 1992, "Production of functional human hemoglobin in transgenic swine"

Examiner	Date Considered
100	5/17/01

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1

INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

APPLN. NO.

1131-338

09/839,164

APPLICANT

KOZLOV et al.

FILING DATE

GROUP

April 23, 2001

1653

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AR	5,939,391	08/1999	Tsyrova et al.			
BR						
CR						
DR						
ER						
FR						
GR						
HR						
IR						
JR						
KR						
LR						
MR						
NR						
OR						
PR						
QR						
RR						
SR						

FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
TR	WO 97/36922	10/1997	WIPO			
UR						
VR						
WR						
XR						
YR						
ZR						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

AAR	
BBR	
CCR	
DDR	
EER	
FFR	
GGR	
HHR	

*Examiner Patricia A. [Signature] Date Considered 9-17-02

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609, Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

**INFORMATION DISCLOSURE
CITATION**

(Use several sheets if necessary)

ATTY. DOCKET NO.

1331-338

APPLICANT

Kozlov et al.

April 23, 2001

APPLN. NO.

09/839.164

GROUP ART UNIT: Not Yet Assigned

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

100	C Swanson et al., "Production of Functional Human Hemoglobin in Transgenic Swine", Biotechnology, Vol. 10, 1992, pgs. 557-559		
*Examiner	Erica [Signature]	Date Considered	9/17/02

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.